



February 23, 2023

Mr. Robert Kondreck
On-Scene Coordinator
U.S. Environmental Protection Agency, Region 5
Superfund and Emergency Management Division
77 West Jackson Boulevard
Chicago, Illinois 60604

**Subject: Data Validation Report
Nelson Knitting Site - RV
EPA Contract No.: 68HE0519D0005
Task Order/Task Order Line-Item No.: 68HE0520F0032/0001DL101
Document Tracking No. 1660**

Dear Mr. Kondreck:

Tetra Tech, Inc. (Tetra Tech) is submitting these data validation reports for six air samples, including two field blanks, collected at the Nelson Knitting Site – RV. The samples were collected on February 1 and February 2, 2023, and were analyzed for asbestos by Eurofins EPK Built Environment Testing, LLC. The final laboratory data package was received on February 9, 2023.

Analytical data were evaluated in general accordance with the Tetra Tech *Quality Assurance Project Plan, Superfund Technical Assessment and Response Team (START V), EPA Region 5, Revision 3* (January 2022), and the EPA *PLM Validation Process Guidelines for Asbestos Data Review* (October 2016).

No rejection or qualification of results was required for this data package. The results may be used as reported by the laboratory.

If you have any questions regarding this data validation report, please call me at (612) 419-7266

Sincerely,

A handwritten signature in black ink, appearing to read 'Talaidh Isaacs'.

Talaidh Isaacs
Environmental Scientist

Enclosure

cc: Karl Schultz, Tetra Tech Program Manager
Alexis Enright, Tetra Tech Project Manager
Mayra ArroyoOrtiz, Tetra Tech Project Document Control Coordinator
TO-TOLIN File

ATTACHMENT 1

**DATA VALIDATION REPORT
EUROFINS EPK BUILT ENVIRONMENT TESTING, LLC
REPORT NO. 3154892 AND 3154900**

Stage 1 Verification Checklist

Nelson Knitting Site

TO/TOLIN Number: 68HE0520F0032 / 0001DL101

Eurofins Test America – Phoenix, AZ
Report No. 3154892

Reviewed by:
Talaith Isaacs
Environmental Scientist

- ☒ 1. Chain of custody (CoC) documentation is present.
- ☒ 2. Sample receipt condition information is present and acceptable.
- ☒ 3. Laboratory conducting the analysis is identified.
- ☒ 4. All samples submitted to the laboratory are accounted for.
- ☒ 5. Requested analytical methods were performed.
- ☒ 6. Analysis dates are provided.
- ☒ 7. Analyte results are provided.
- ☒ 8. Result qualifiers and definitions are provided.
- ☒ 9. Result units are reported.
- ☐ 10. Requested reporting limits are present.
- ☐ 11. Method detection limits are present.
- ☒ 12. Sample collection date and time are present.

Discrepancies: NA

Notes: NA

Client: Tetra Tech, Inc. - Chicago
C/O: Alexis Enright
Re: Nelson Knitting Site - RV

Date of Sampling: 02-02-2023
Date of Receipt: 02-03-2023
Date of Report: 02-09-2023

ASBESTOS AND OTHER FIBERS BY PCM: NIOSH 7400 METHOD

Lab ID-Version‡	Volume (liters)	Fibers Detected	Fields Read	Fibers/mm ²	95% UCL*	Fibers per CC
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Location: NK-PA01-01-20230202, Personnel Entry Comments:

15254836-1	4,930.3	< 5.5	100	< 7	< 0.001 (Sr = N/A)	< 0.001
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Location: NK-FB-20230201, Field Blank 02022023 Comments:

15254837-1	0	< 5.5	100	< 7	N/A (Sr = N/A)	N/A
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TI 02/20/2023

Interpretation is left to the company and/or persons who conducted the field work.

Field blanks, if submitted with the project, have been used to correct the data. Omission of 2 field blank samples should be considered a deviation from the NIOSH 7400 method.

Reporting limit is calculated using a minimum detection limit of 7 fibers/mm².

* Upper 95% Confidence Limit for fibers/cc, calculated using a relative standard deviation value (intralaboratory Sr) mentioned above.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Stage 1 Verification Checklist

Nelson Knitting Site

TO/TOLIN Number: 68HE0520F0032 / 0001DL101

Eurofins Test America – Phoenix, AZ
Report No. 3154900

Reviewed by:
Talaith Isaacs
Environmental Scientist

- ☒ 1. Chain of custody (CoC) documentation is present.
- ☒ 2. Sample receipt condition information is present and acceptable.
- ☒ 3. Laboratory conducting the analysis is identified.
- ☒ 4. All samples submitted to the laboratory are accounted for.
- ☒ 5. Requested analytical methods were performed.
- ☒ 6. Analysis dates are provided.
- ☒ 7. Analyte results are provided.
- ☒ 8. Result qualifiers and definitions are provided.
- ☒ 9. Result units are reported.
- ☐ 10. Requested reporting limits are present.
- ☐ 11. Method detection limits are present.
- ☒ 12. Sample collection date and time are present.

Discrepancies: NA

Notes: NA

Client: Tetra Tech, Inc. - Chicago
C/O: Alexis Enright
Re: Nelson Knitting Site - RV

Date of Sampling: 02-01-2023
Date of Receipt: 02-03-2023
Date of Report: 02-09-2023

ASBESTOS AND OTHER FIBERS BY PCM: NIOSH 7400 METHOD

Lab ID-Version‡	Volume (liters)	Fibers Detected	Fields Read	Fibers/mm ²	95% UCL*	Fibers per CC
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Location: NK-PA01-01-20230201, Entry Comments:

15254929-1	5,193.1	5.5	100	7.01	< 0.002 (Sr = 0.38)	< 0.001
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Location: NK-BA01-01-20230201, Background - Low volume Comments:

15254930-1	1,379.1	< 5.5	100	< 7	< 0.002 (Sr = N/A)	< 0.002
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Location: NK-BA02-01-20230201, Background - High Volume Comments:

15254931-1	4,727.2	< 5.5	100	< 7	< 0.001 (Sr = N/A)	< 0.001
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Location: NK-FB-20230201, Field Blank 02012023 Comments:

15254932-1	0	< 5.5	100	< 7	N/A (Sr = N/A)	N/A
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TI 02/20/2023

Interpretation is left to the company and/or persons who conducted the field work.

Field blanks, if submitted with the project, have been used to correct the data. Omission of 2 field blank samples should be considered a deviation from the NIOSH 7400 method.

Reporting limit is calculated using a minimum detection limit of 7 fibers/mm².

* Upper 95% Confidence Limit for fibers/cc, calculated using a relative standard deviation value (intralaboratory Sr) mentioned above.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Eurofins Aerotech Built Environment Testing, Inc.

EMLab ID: 3154900, Page 2 of 2